Student Technician Training Program (STTP)
Category: Part-Time Temporary Training Position
Supervisor: Site Referee
Last Updated: April 28, 2017

General Description:
The Foundation for California Community Colleges (FCCC) Smog Check Referee Program supports the training of hundreds of future smog technicians through the Student Technician Training Program (STTP). The STTP is a comprehensive 240 hour training program (240 max. Periodically, shorter term programs may be available), which employs extensive hands-on exercises designed to aid in the preparation of automotive students focused on becoming professional smog technicians.

Because students train alongside the Referee in a “real-world” environment with live vehicles, the STTP reinforces the core skills needed to become a successful smog technician. Additionally, it gives each student training in the areas of safety, communication, and administration. This additional training helps to ensure students learn the essential skills necessary in order to become a competent, high performing professional technician in today’s automotive test and repair industry.

Purpose:
By training alongside the Referee, Student Technicians receive invaluable hands-on experience by performing vehicle emissions and other inspections, while assisting California motorists that require Referee services. The STTP includes structured training modules covering key competency areas that are essential to becoming a successful smog technician.

Student Requirements:
- The STTP is intended for only the most determined students’ that are committed to becoming professional smog technicians. Students who at any time fail to maintain the minimum requirements, or stray from being committed to being a professional technician (as determined by FCCC), may be terminated at any time
- Must have successfully completed at a minimum, BAR Level 1 Inspector training
- Must maintain both a cumulative and a semester minimum GPA of 2.0 during their training
- Must carry a minimum of 6 semester units (or equivalent), courses must be in Automotive Technology or required courses for a degree or certificate in Automotive Technology
- Must be focused and committed to becoming a professional smog technician
- Must provide a letter of recommendation from their automotive instructor
- A valid CA Driver License is required
- Must pass drug-screening and background checks
- Students accepted into the program must register on the CalARC website upon hiring, and complete a survey at the end of training.
Technical Training Areas:

- Complete Inspection / BAR OIS
- Complete Inspection / Acceleration Simulation Mode
- Complete Inspection / Two Speed Idle
- Diesel and Hybrid Inspection
- BAR 97 and Dynamometer Calibration and Maintenance
- Emission Control Applications
- Visual Inspection / Stock Equipment
- Visual Inspection / Tampered and Aftermarket Parts
- Functional Inspection / Ignition Timing
- Functional Inspection / Exhaust Gas Recirculation
- Functional Inspection / Low Pressure Fuel Evaporative Test
- Diagnosis / Low Pressure Fuel Evaporative Test Failure
- Diagnostic Equipment
- Five Gas Analysis / Lambda Calculator
- Diagnosis / Emissions Failure

Value Added Skills Training:

- “Write it Right” Invoicing
- Customer Service and Communication
- Safety
- Records, Admin, Reports
- Automotive Engine Fundamentals (Review)
- Air Pollution Fundamentals (Review)
- Emission Control Systems (Review)

Physical Requirements:

- Ability to work at a computer workstation for periods up to 1 hour at a time
- Ability to sit or stand for up to 3 hours without breaks
- Ability to lift and move a minimum of 40 pounds
- Ability to work in an outdoor “auto shop” environment with minimal heating or AC

Automotive students that meet the above requirements, with a strong desire to become a professional smog technician should contact the on-campus Smog Check Referee. Or contact Mark Weidinger, Director of Smog Check Referee Operations: mweidinger@foundationccc.org